

Confidential Claim Retracted

AUTHORIZED BY:

DATE: 5/16/13

JACKPILE MINE PROJECT LAGUNA, NM

PROJECT STATUS REPORT NO. 2

SEPT. 30, 1989



9404032



Bradbury & Stamm Construction Company, Inc.

1217 First Street NW, PO Box 25027, Albuquerque, NM 87125-0027 • (505) 765-1200

CONFIDENTIAL

POL-EPA01-0002455

BRADBURY & STAMM CONSTRUCTION COMPANY, INC.

PROJECT NO. 4589

JACKPILE MINE PROJECT

LAGUNA, NEW MEXICO

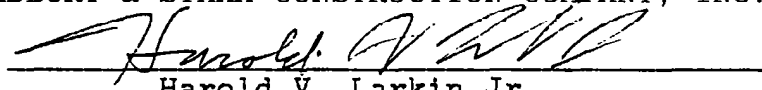
PROJECT STATUS REPORT

NO. 2

PERIOD ENDING SEPTEMBER 31, 1989

BRADBURY & STAMM CONSTRUCTION COMPANY, INC.

BY:



Harold V. Larkin Jr.
Senior Project Manager

cc: Jim Olsen - Pueblo of Laguna (22)
Roger Baer - BIA (4)
Neal Kasper - Laguna Construction Company
Bradbury & Stamm

**JACKPILE MINE RECLAMATION
MONTHLY STATUS REPORT
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1. PROGRESS REPORT AND COMPLETION SCHEDULE

1.1 Progress Report

- * The contract with the Interim Construction Management Contractor was signed by the Pueblo of Laguna on July 31, 1989.
- * Work on the Shop area is 95% complete.
- * Keer's finished cleaning and reinsulating the shop on September 1, 1989.
- * The two pumps for dewatering the North Paguete were delivered on August 15, 1989.
- * The first grader was delivered on August 16, 1989 and started grading the roads immediately.
- * The first load of pipe for the dewatering was delivered on August 17, 1989. The last load of pipe was delivered on August 29, 1989.
- * Electric power was restored to the shop area on August 25, 1989.
- * The CMC office was set up at the shop area on August 31, 1989.
- * Keers finished reinsulating the shop on September 1, 1989.
- * The survey crew started staking the evaporation ponds on September 6, 1989 and work started on them in the afternoon.
- * The overhead crane in the shop was reactivated on September 7, 1989.
- * Boring the pipeline under highway 279 started on September 11, 1989 and finished on September 14th.
- * The first set of water samples from the North Paguete pit were taken on September 10, 1989.
- * The pumps were floated in the North Paguete pit on September 20, 1989 and started up on September 22nd.
- * Demolition in the old housing area started on September 25, 1989.
- * Grand opening ceremonies were held on September 30, 1989.

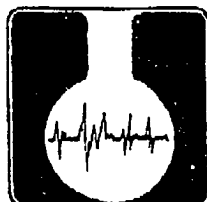
1. PROGRESS REPORT AND COMPLETION SCHEDULE

1.2 Completion Schedule

- * Work package 2M1L05 - Buy small tools will be completed by October 14, 1989
- * Work package 2M1L06 - Remodel field office will be completed by October 7, 1989
- * Work package 2M1L07 - Recondition job site will be completed by October 14, 1989
- * Work package 2M1L085 - Set up shop will be completed by October 14, 1989
- * Work package 2S3N01 - Demolish North Paguate surface structures will be completed by October 7, 1989
- * Work package 2S3S01 - Demolish South Paguate surface structures will be completed by October 14, 1989
- * Work package 2E3N01 - Build North Paguate haul roads will be completed by October 7, 1989

LAGUNA CONSTRUCTION COMPANY EQUIPMENT LIST

LCC#	DESCRIPTION	ID#
1.001	Ford F250 4x2 Pickup	1FTEF25N4KPB27610
1.002	Ford F250 4x4 Pickup	1FTHF26G5KPB48270
1.003	Ford F250 4x4 Pickup	1FTHF26G8KPB48277
1.004	Ford F250 4x2 Pickup	1FTHF25HZKPA89110
1.005	Ford F150 4x4 Pickup	1FTEF14N5KPA60477
2.001	1982 Kenworth Tractor W/Lube Package	1XKWD29X2CS197325
2.002	1982 Kenworth Tractor W/Winch	1XKWD29X4CS197326
2.003	Ford F-Super Diesel Mech Truck	2FDLF47M7KCA47867
2.004	Ford F-Super Diesel Mech Truck	2FDLF47M9KCA47868
2.005	International 2 Ton Flatbed	1HTLDTUP3KH651607
3.001	D8N CAT	9TC3711
3.002	D6N CAT Dozer	7000601
3.003	CAT D9N W/Counter Weight & Rec Blade	1JD1877
3.004	CAT D9N W/Counter Weight & Rec Blade	1JD1878
3.005	CAT D8N W/Dozer & Counter Weight	9TC3726
3.006	CAT Dion W/Dozer & Ripper	2YD1137
3.007	CAT D8N W/Dozer	9TC3753
3.008	CAT D8N	9TC3754
3.009	CAT D8N	9TC3755
4.001	CAT 16G Grader	932102952
4.002	CAT 16G Grader	93U2969
4.003	CAT 14G Motor Grader	9647408
5.001	CAT 631 Scraper	1AB00980
5.002	CAT 631 Scraper	1AB00995
6.001	Dresser Model 1520 Loader	7280
6.002	CAT 988 Loader	5DW9453
6.003	CAT 988 Loader	50W9746
7.001	Haul Pak 140-M Bottom Dump	14901-89-402
7.002	Haul Pak 140-M Bottom Dump	140M-89-400
8.001	J.D. 410 4WD Backhoe	24-942-760703
9.001	CAT 306 Generator	85Z05489
9.002	CAT 306 Generator	85Z05621
10.001	Gorman Rupp 8" Sub Pump	923540
10.002	Gorman Rupp 8" Sub Pump	923541
11.005	100 Ton Press	198R99M8
11.006	Miller 400 AMP Welder	JK6929007
11.007	Miller 200 AMP Welder	JK620656
11.008	Miller 200 AMP Welder	JK644891
11.009	Lincoln TM 400/700 Welder	AC708523
14.001	Hyster 50 Ton Folding Gooseneck Lowboy	20870
14.002	Clemmins Dump Trailer	388738
14.003	45 Dorsey Flat Bed Trailer	148066
15.001	Trak Mobile Refer Van	65436
16.001	613 CAT 5,000 Gal Water Wagon	92X1840
16.002	613 CAT 5,000 Gal Water Wagon	92X1845
16.003	613 CAT 5,000 Gal Water Wagon	92X1851



ASSAIGAI ANALYTICAL LABORATORIES

TO: Bradbury and Stamm
P.O. Box 25027
Albuquerque, NM 87125
ATTN: Hal Larkin

DATE: 15 September 1989
WORK ORDER NO: 1860

SAMPLE ID: North Paquate Mine Water
RECEIVED: 12 September 1989 @ 4:40 PM

ANALYTE	ANALYTICAL RESULTS	NOMINAL DETECTION LIMIT
Calcium	58.7 mg/L	0.25 mg/L
Potassium	17.7 mg/L	0.05 mg/L
Silicate as SiO ₂	0.72 mg/L	0.5 mg/L
Magnesium	226 mg/L	0.005 mg/L
Nitrite	<0.01 mg/L	0.01 mg/L
Bicarbonate	150.0 mg/L	2 mg/L
Sodium	657 mg/L	0.02 mg/L
Nitrate	0.032 mg/L	0.01 mg/L
Chloride	120.0 mg/L	1.0 mg/L
Fluoride	0.675 mg/L	0.02 mg/L
Vanadium	<0.25 mg/L	0.25 mg/L
Selenium	0.208 mg/L	0.005 mg/L
pH	8.1	0.01
Electrical Conductivity	5100.0 umhos/cm	1 umho/cm
Total Dissolved Solids	5630.0 mg/L	1 mg/L
Sulfate	3120.0 mg/L	1.0 mg/L

Turnaround time to report results on Gross Alpha, Lead-210, Polonium-210, Radium-226, and T. Uranium is three to four weeks as per our discussion, hence these results will be sent to you in a follow-up report.

DATE: September 15, 1989

TO: Hal V. Larkin, Bradbury & Stamm

FROM: Neal D. Kasper, Laguna Construction

SUBJECT: Demolition Plan for Work Package #2S3N01 Demolish North Paguate Structures and Work Package #2S3S01 Demolish South Paguate Structures.

This plan contains information regarding demolition work contained in the subject work packages only. All demolition work will comply with Section 02060 of the Construction Specifications and all other sections specified therein.

Work Package #2S3S01
Demolish South Paguate Structures

1. Method of demolition is to utilize a 988B wheel loader to demolish the wood structures in former staff housing area. The wood structures will be demolished to the degree that the material can be loaded in a LCC end dump trailer and hauled to the pit.

Following structures demolition the slabs, foundations, rock and concrete landscape will be removed with the 988B loader, loaded in a LCC end dump trailer and hauled to the pit.

All disconnects on the power line coming to the housing area have been checked to see that they are open and will be checked prior to removal.

Demolition of housing, slabs, foundations, fences, poles, surface utilities and below grade utilities will be demolished in accordance with Section 02060, Part 3.1D. It will be accomplished utilizing a D4LGP w/dozer, 988B loader, tractor w/end dump trailer. A three to five man crew will be used with at least one man on the ground for safety at all times.

All areas will be graded with the D6 dozer, 9800R loader and a 14G or 16G blade as much as practical.

It is LCC's intent to as much as is practicable preserve all trees in the housing area.

The metal compressor shed and metal storage shed in the P-10 area will be removed by disassembly. The disassembly will be to first remove metal skin with air tools, remove metal girts, remove metal cross braces and finally remove metal superstructure. Cranes (adequately sized), bucket lifts, loaders and flatbeds will be used throughout the disassembly of the buildings in this area. The foundations will be removed utilizing crawler tractors D6 or D8 size.

Planning will take place to avoid collapse in the metal buildings from removing structural members out of sequence or from inadequate temporary bracing.

2. No salvage and therefore no decontamination is contemplated for the wood structures at housing area.

In the P-10 area all metal skins that are damaged presently, or may be by disassembly will be taken to the pit for burying. If it is practical and cost effective skins, girts, cross braces and superstructures will be cleaned by high pressure washing and then stacked and stored for future use by the Pueblo or LCC. Concrete and other debris will be dumped at the pit.

3. It is anticipated that demolition in the housing area will commence September 21, 1989 and be substantially complete by October 27, 1989.

It is anticipated that the demolition of metal buildings in the P-10 area will commence September 25, 1989 and be substantially complete by October 27, 1989.

4. The equipment to be used as required in the housing and P-10 area are as follows:

- a. 988B Wheel Loader
- b. D6LGP Crawler Tractor w/Dozer
- c. Kenworth Tractor and End Dump Trailer
- d. 2 Ton Flatbed Truck
- e. Grove Platform Lift
- f. 520B Wheel Loader w/Forks and Bucket
- g. 4 Ton Crane Boom
- h. 15 Ton Crane RT
- i. Pickups (2)
- j. 16G or 14G Blade
- k. Possible outside rent on one dump truck similar to LCC's.

Through the authority vested in the engineer (CM) in Section 02060, Part 3.2A, LCC herewith requests a variance on disposal of all demolished materials and debris from open pit JP-OP-42 to SP-OP-34 and NP-OP-20.

The reason for this request is that the roads into the Jackpile are presently unimproved and the North Paguate and South Paguate pits are the more practical dump for these materials as they are closer and more accessible.

Care will be taken to not create a hazard or visual problem.

Work Package #2S3N01

Demolish North Paguate Structures

1. The method of removal will be: a loader/backhoe to load 23 cement curbs; a loader to remove the slab, 39 metal posts, cement pad, wooden guard rail and trash; the fence will be disassembled, rolled up, posts removed with a loader/backhoe; general trash will be loaded with loader/backhoe and hauled to pit in truck; structures have been removed previously.
2. Decontamination will be performed with high pressure washer on the following items:

- a. Cement curbs
- b. 39 metal posts
- c. Fence and posts

Interest has been shown by council members to get the light posts for the elderly center. To this end LCC plans to decontaminate these items and store them for use by the Pueblo as required. Fencing as a rule will be decontaminated and kept if it is not damaged. LCC will utilize the curbs.

- 3. It is anticipated that demolition in this area will commence during the week of September 25, 1989 and complete one week following the start date.

- 4. Equipment to be used will be:

- a. 410B Backhoe/Loader (primary)
- b. 520B Front End Loader (as required)
- c. D6LGP Dozer (as required)
- d. Dump Truck (as required)
- e. Pickup
- f. 16G Blade (as required to grade)

**LAGUNA
CONSTRUCTION
COMPANY, INC.**

29 September 1989
Serial Letter #89-086

Bradbury & Stamm Construction Co., Inc.
1217 First Street NW
P.O. Box 25027
Albuquerque, NM 87125-0027

Subject: Discharge Plan

Attention: Mr. Hal V. Larkin

Dear Mr. Larkin:

This letter is to define LCC's approach to this subject plan.

First. LCC has taken every possible precaution to see that the pipeline system is safe and secure.

Second, beyond safety, other mechanisms and safeguards have been designed into the system to minimize the amount of water that could enter the Rio Paguete and/or Rio Moquino drainages. The following detail the various mechanisms that are in the system.

1. At the crest of the pit on each pipeline alignment there is a pressure switch. This switch is wired into a magnetic starter in the pump panels. As soon as pressure drops below a predetermined setting based on head and friction loss, the pressure switch drops the magnetic starter out. This causes the pump motor to shut off instantly. This is a positive pressure system and is considered very reliable for this type of installation.
2. At the Rio Moquino river on the Jackpile run from the North Paguete pit a check valve will be located adjacent to the river. This mechanism will not allow the water to drain into the river should a rupture occur. The only water that would enter would be a section approximately 250 lineal feet. This amounts to approximately 1200 gallons of water.

Bradbury & Stamm
Discharge Plan - 2

In addition to the check valve a Tee will be located downstream of the check valve. At the tee a valve will be located so that the water in the line from the check valve to the crest into the Jackpile area can be drained of its water into an area outside the creek. The amount of water is approximatley 20,000 gallons (ie. 4400 L.F. x 4.54 gal/ft. = 19,976).

3. At the crossing to the Rio Paguete the discharge amounts to 1000 L.F. x 4.54 gal/ft. = 4,540 gal. This is a conservative approach as the distance of pipeline that would drain into the Rio Paguete following a rupture is more like 750 L.F.
4. In addition to the above a berm and a ditch has been built and excavated along the Rio Paguete channel. This would not allow discharge into the rivers along this alignment in the case of a rupture. Further, along the berm and ditch that the pipe is placed in, a diversion has been built to divert water from the pipeline out into an area by the protore piles, prohibiting its entry into the stream channel.
5. To assure that the pressure switches are operating at all times, LCC has installed a small gate valve in the line to the pressure switches. With this, we can test the safety switches at any interval we require, but not less than weekly. What this valve does is it simulates loss of pressure in the line and if the switch is working it will drop out the magnetic starter and shut down the pumps.
6. Surveillance will be made of the piping system where it crosses the rivers. (Paguete and Moquino) twenty-four hours per day by an employee of LCC. If any water is found to be discharging into the river, then the employee will have been trained on how to shut down the pumps.

In summary, the best system for the least money has been designed for the dewatering. You can design an absolute fail safe system if everyone agrees that this approach should be taken. However, it is LCC's position that this approach is ultra conservative and not in the best interest of the Pueblo, both operationally and in a cost sense.

Bradbury & Stamm
Discharge Plan - 3

It is questionable that the design of this system was the responsibility of LCC, however in a continuing mode of cooperation we have provided this information. This will be discussed in the variance report that will be transmitted by the end of this week.

Also, it is my opinion that it is not LCC's responsibility to define what happens if a discharge occurs. We await the formal direction for reporting and documenting this aspect.

Sincerely,
LAGUNA CONSTRUCTION COMPANY, INC.

Neal D. Kasper

Neal D. Kasper
President and General Manager

cc: Roger Baer, BIA
Jim Olsen, POL

Attachments: Map # D-417C (2 sheets)
Typical trench sect A-A

Existing berm adjacent
to Rio Paguete

10" aluminum pipe

18"

3

3

Existing ground

Scale: 1" = 2'

Laguna Const. Co.
Typical Trench Sect.
for Pipe, A-A'

10-89 P.L.

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2 . C R I T I C A L F O L L O W U P I T E M S

2.1 POL Actions or Decisions

- * Obtain 100% design documents from Jacobs Engineering
- * Approval additional work packages for Laguna Construction Company to continue work until December 1, 1989, pending finalization of their contract.
- * Approve expenditures for environmental monitoring program.

2.2 BIA Actions or Decisions

- * Provide fully executed copy of POL-ICMC agreement

2.3 Laguna Construction Actions or Decisions

- * Prepare variance report.
- * Provide updates to project schedule.
- * Provide equipment rates

2.4 CMC Actions or Decisions

- * Initiate environmental monitoring program.
- * Update "Open Plan" schedule received from Jacobs Engineering
- * Prepare revised first year operating plan.



Bradbury & Stamm Construction Company, Inc.

October 6, 1989

Pueblo of Laguna
P. O. Box 194
Laguna, New Mexico 87026

Attention: Jim Olsen
Reclamation Project Manager

Subject: Jackpile Mine Project
Environmental Monitoring

Gentlemen:

Attached is the information we have received to date on the environmental monitoring. This information is somewhat hard to compare as each vendor has taken a somewhat different approach to the problems and no one chose to address all of the areas which we want monitored. We would propose the following:

Ground and surface water monitoring
Assaigai Analytical Labs
Estimated annual cost \$17,979

Well installation
L. C. Jones Drilling
Cost (using your estimated depths +10%) \$30,800

Gamma and Radon Monitoring
Eberline
Estimated annual costs \$ 7,600

Air Particulates
Eberline
Estimated annual Laboratory costs \$ 6,089
Pumps and filters \$ 5,421

(we are still looking at how to run the pumps. We hope to be able to do this by solar pack which would probably double the cost of the units)



Page two
POL Environmental monitoring
October 6, 1989

Vegetation, Vegetative uptake, Soils, Subsidence, Ground
vibration.

None required at this time

Meteorological Monitoring
Qualimetrics Data Acquisition System
Estimated cost installed \$ 8,000

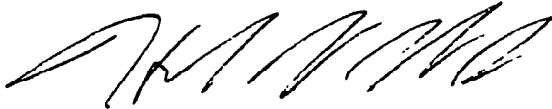
Photography
Aerial - Thomas Mann
Ground - CMC
Estimated annual cost \$4,350

The total first year direct costs are estimated at \$85,660. In addition to this cost you should add the cost for one environmental specialist, one 4x4 vehicle with radio, and the G&A for the CMC to administer the program. We therefore figure that you should budget \$184,943 for work package 1C1L02. This is \$45,000 less than what Jacobs had originally estimated. In subsequent years we feel that the cost for this work package will run about \$75,000 per year.

If you have any questions please call.

Very truly yours,

BRADBURY & STAMM CONSTRUCTION COMPANY, INC.



Harold V. Larkin
Senior Construction Manager

cc: Roger Baer
Norm Shain
Paul Sierra

3 . B U D G E T A N D C O S T A N A L Y S I S

SEPTEMBER BILLINGS

MOBILIZATION WORK PACKAGES

NUMBER	DESCRIPTION	ESTIMATED COSTS	PRIOR BILLINGS	9/15/89 BILLING	9/30/89 BILLING	TOTAL COST TO DATE
2M1L05	Purchase small tools	\$63,724	\$1,702.45	\$212.42	\$6,783.74	\$8,698.61
2M1L06	Remodel Project Offices	\$46,520	\$3,248.86	\$6,683.87	\$12,245.40	\$22,178.13
2M1L07	Recondition Job Site	\$97,163	\$11,145.64	\$11,041.25	\$13,872.17	\$36,059.06
2M1L08	Set Up Shop Facilities	\$192,210	\$19,173.37	\$30,166.08	\$62,182.64	\$111,522.09
2S2N01	Dewater north Paguate Pit	\$141,666	\$70,953.43	\$43,678.63	\$29,983.64	\$144,615.70
2S3S01	Demolish North Paguate Structures	\$2,947	\$720.00	\$365.03	\$532.52	\$1,617.55
2S3N01	Demolish South Paguate Structures	\$57,896	\$0.00			\$0.00
2S1S05	Plug Drill Holes	\$27,196	\$0.00			\$0.00
2M3L01	Operator Training	\$14,600	\$0.00			\$0.00
2E1N01	Construct NP Haul Roads	\$60,352	\$773.28	\$3,432.44	\$7,013.51	\$11,219.23
	LCC Administrative costs	\$176,000	\$176,000.00			\$176,000.00
	TOTAL TARGET PRICE	\$880,374	\$283,717.03	\$95,579.72	\$132,613.62	\$511,910.37
	CONSTRUCTION MANAGEMENT CONTRACTOR	\$121,730	\$17,865.00		\$18,720.00	\$36,585.00
	CNC Purchases		\$240.78			\$240.78
	TOTAL ALL COSTS	\$1,002,104	\$301,822.81	\$95,579.72	\$151,333.62	\$548,736.15

4 . W E E K L Y M E E T I N G M I N U T E S



Bradbury & Stamm Construction Company, Inc.

JACKPILE MINE - LAGUNA NEW MEXICO
JOBSITE WEEKLY PROJECT MEETING

September 27, 1989

ROGER BAER, BUREAU OF INDIAN AFFAIRS

JIM OLSEN, PUEBLO OF LAGUNA

ATIQ TATARI, LAGUNA CONSTRUCTION COMPANY

PAUL SIERRA, BRADBURY & STAMM CONSTRUCTION

NORM SHAIN, BRADBURY & STAMM CONSTRUCTION

HAL LARKIN, BRADBURY & STAMM CONSTRUCTION

ALICE FORTENBURY, BRADBURY & STAMM CONSTRUCTION

- 1) LCCI did not furnish the four week bar schedule this week.
- 2) LCCI's third pay estimate was approved by the CMC and given to Jim Olsen, POL for payment.
- 3) The Accidental Discharge Plan submitted by LCCI last week still needs to a map showing the dewatering pipe layout and marking berms, check valves and crossing of the pipe over the Rio Paguete and Rio Moquino plus indicate how a ditch rider will be working the pipe 24 hours a day while the pumping operation is going on. Plus an emergency phone number needs to be listed in case of a break in the pipe.
- 4) LCCI IS NOT TO PUMP ANY WATER until Accidental Discharge Plan and updated material has been all received and approved by the CMC, BIA and POL. Per Roger Baer, the BIA, environmental people are questioning the holding ponds. BIA, Environmental, CMC and POL will be having a meeting Friday @ 9:00 a.m. to look over the holding ponds.
- 5) If the pump is tested the water needs to be pumped into the water wagons and used only on the roads!! There will have to be a cap and tee installed in the pipe in order for this to happen. SO THIS MEANS NO DEWATERING WILL BE STARTED UNTIL ALL FINAL APPROVALS HAVE BEEN RECEIVED!!
- 6) Thomas Mann & Associates has been issued a contract for the aerial photography. They need a two week lead time on any photograph. Roger Baer, BIA noted that any contracts over \$25,000 must be signed by the contracting officer.
- 7) The well drilling proposal from L. C. Jones was given to Jim Olsen, POL for approval. The CMC needs this approved as soon as possible in order to do the quarterly sampling which would be started the end of October.
- 8) The Meteorological Monitoring quote for \$8,000 for equipment, concrete pad and fence around the equipment was given to Jim Olsen, POL for approval.



Page Two - September 27, 1989
Jackpile Mine Jobsite Meeting

9) The water test results for the Gross Alpha, Lead-210, Polonium-210, Radium-226 and T. Uranium hopefully will be in next week.

10) The CMC is getting quotes from Eberline, Western Technology and Chem Nuclear for the Environmental Monitoring which will also have quotes for the water testing and radiation badges. These quotes will be received next week. There will be a separate quote for onsite radiation survey.

11) Jacobs Engineering turned over the computer to the CMC but the hard disk drive was wiped out. No programs were on the computer when it was turned over. Roger Baer, BIA suggested contacting Jim Rodriguez at Jacobs and see what he knows about the programs.

12) The printer and uninterruptable power supply quote needed for the computer received from Jacob's Engineering was given to Jim Olsen, POL for approval.

UNLESS WRITTEN MODIFICATION IS SUBMITTED WITHIN SEVEN (7) DAYS. THE ABOVE REPORT SHALL BE DEEMED CORRECT AND SO FILED.

THE NEXT MEETING WILL BE HELD @ 9:00 AM WEDNESDAY.
OCTOBER 4TH.

Very truly yours,
BRADBURY & STAMM CONSTRUCTION CO., INC.



Alice Fortenbury
Project Technician

cc: Jim King



Bradbury & Stamm Construction Company, Inc.

JACKPILE MINE - LAGUNA NEW MEXICO
JOBSITE WEEKLY PROJECT MEETING

September 20, 1989

ROGER BAER, BUREAU OF INDIAN AFFAIRS

JIM OLSEN, PUEBLO OF LAGUNA

ATIQ TATARI, LAGUNA CONSTRUCTION COMPANY

NEAL KASPER, LAGUNA CONSTRUCTION COMPANY

NORM SHAIN, BRADBURY & STAMM CONSTRUCTION

HAL LARKIN, BRADBURY & STAMM CONSTRUCTION

ALICE FORTENBURY, BRADBURY & STAMM CONSTRUCTION

1) Received LCCI's four week schedule for the Mobilization Work Packages. The following mobilization work packages will be substantial completed by September 30, 1989:

- a) Small Tools & Safety Equipment
- b) Remodel Field Office
- c) Recondition Jobsite
- e) Build North Paguete Haul Roads

LCCI is in the process of setting up the shop and maintenance area and should be fully completed first week of October. Everything else is getting set up for the ground breaking ceremonies scheduled to be held at Jackpile Shop Facility, September 30, 1989.

2) Electrician hooking up the pumps @ the North Pit. Plus LCCI laying a fuel line into the North Pit to the generators.

3) LCCI is building the evaporation ponds for the dewatering of the North Pit with over flow culverts into each pond.

4) The Demolition Schedule and Accidental Discharge Procedures were received from LCCI. These will all be reviewed by the CMC, BIA and POL. LCCI will be making a map showing the dewatering pipe layout and marking berms, check valves and crossing of the pipe over the Rio Paguete and Rio Moquino plus indicate how a ditch rider will be working the pipe 24 hours a day while the pumping operation is going on.

5) Before the underground tanks are removed they will be added to the Demolition Schedule. Hal Larkin suggested LCCI to check into the underground tank removal regulations.

6) All the power poles that are removed will be stacked @ the P-10 Area for the power company to pick up if they want them back.

7) All fencing will be kept for future use. This will all be cleaned by high pressure washing for decontamination.



Page Two -September 20, 1989
Jackpile Mine Jobsite Meeting

8) LCCI will start demolition in the housing area and at the South Paguate area Monday, September 25, 1989.

9) The CMC received LCCI pay estimate for the period of September 1, 1989 to September 15, 1989. This will be reviewed for approval and forwarded to the POL for payment.

10) Per Neal Kasper, LCCI there will be no blasting of the highwall in the North Paguate.

11) The closing of Highway 279 has been reviewed and at this time LCCI does not see any need in closing it if they use a conveyor system. LCCI is to forward the proposal of the conveyor system for approval.

12) The Accidental Discharge Plan will be review by BIA, POL and CMC for approval. Roger Baer, BIA did check with the Federal Government and any leaks on the pumping operation @ the North Paguate Pit does have to be reported.

13) As soon as the BIA, POL and CMC gives final approval on the Accidental Discharge Plan, Ponding Plan and Water Test results the pumping operation can begin. Hal Larkin will send a letter to LCCI when all of these have been approved by all parties. Jim Olsen, POL, Roger Baer, BIA, LCCI and CMC needs to all be present when the pumping operation is fired up and started.

14) Roger Baer, BIA did indicate the CMC's contract is in the Contract Officer's hands for a signature and would be forwarded back to Bradbury & Stamm.

15) Hal Larkin, CMC has received a proposal on the well drilling and will forward the proposal to Jim Olsen, POL for approval.

16) Hal Larkin, CMC is getting some more information on the data memory on the Meteorological Monitoring and will be forwarding proposal to POL for approval.

17) The water testing results on the Gross Alpha, Lead-210, Polonium-210, Radium-226 and T. Uranium will take three to four weeks for the test results but per Roger Baer, BIA and Jim Olsen, POL this will no hold up the pumping operations.

Page Two -September 20, 1989
Jackpile Mine Jobsite Meeting

UNLESS WRITTEN MODIFICATION IS SUBMITTED WITHIN SEVEN (7)
DAYS, THE ABOVE REPORT SHALL BE DEEMED CORRECT AND SO FILED.

THE NEXT MEETING WILL BE HELD @ 9:00 AM WEDNESDAY.
SEPTEMBER 27TH.

Very truly yours,
BRADBURY & STAMM CONSTRUCTION CO., INC.



Alice Fortenbury
Project Technician

cc: Jim King
Paul Sierra



Bradbury & Stamm Construction Company, Inc.

JACKFILE MINE - LAGUNA NEW MEXICO
JOBSITE WEEKLY PROJECT MEETING

September 13, 1989

ROGER BAER, BUREAU OF INDIAN AFFAIRS

JIM OLSEN, PUEBLO OF LAGUNA

ATIQ TATARI, LAGUNA CONSTRUCTION COMPANY

NORM SHAIN, BRADBURY & STAMM CONSTRUCTION

HAL LARKIN, BRADBURY & STAMM CONSTRUCTION

ALICE FORTENBURY, BRADBURY & STAMM CONSTRUCTION

- 1) LCC submitted the four week bar chart schedule for the project.
- 2) No demolition schedule has been received from LCC. Per Jacob's Engineering guide lines the demolition schedule must be submitted 20 days prior to any demolition for approval. It was discussed that NO DEMOLITION WILL PROCEED WITHOUT AN APPROVED DEMOLITION SCHEDULE.
- 3) LCC's pay estimate was approved by the CMC and turned over to the Pueblo of Laguna for payment. There will need to be work classifications and rate of pay on future certified payrolls when turned in with the pay estimate. Atiq Tatari, LCC is working on this format.
- 4) LCC needs to write an explanation on the electrician's pay rate.
- 5) LCC's equipment rates need to be in the CMC office no later than September 27, 1989 since some of the work package will start October 1, 1989.
- 6) LCC's labor burden was approved for their pay estimates and can be reviewed if necessary.
- 7) Per Neal Kasper, LCC there will be no blasting of the highwall in North Paguate. What needs to be done they think can be done without blasting. The Pueblo of Laguna needs to approve prior to any blasting. The optional work package for the highwall is still under discussion by the POL.
- 8) LCC has decided not to close Highway 279 this fall. LCC is looking into a conveyor belt system instead. They think this will pay for itself. LCC is to be getting prices on the conveyor belt system and will submit for discussion and approval. LCC will also submit the schedule impact of this change.
- 9) The CMC still has not received the evaporation ponding layout that was promised August 30th by LCC. This must happen now since the ponds are being built.



Page Two -September 13, 1989
Jackpile Mine Jobsite Meeting

10) LCC needs to submit an accidental discharge plan in writing before any pumping is done. This plan should outline all the steps which have been taken to prevent or contain any discharge as well as the steps to be taken if a discharge occurs. Jim Olsen, POL and Roger Baer, BIA also stated water test results need to be received for any pumping operations are started. It was agreed no pumping would be permitted until these two items have been sent to the CMC and approved.

11) It was confirmed any planned deviations from the Jacob's Engineering Schedule must be submitted for approval prior to the schedule being changed.

12) The CMC is to get with Continental Electric to look into getting the Geology Building some electricity. All the wiring and power poles have been destroyed by vandals. If Jim Olsen, POL wants to use the building for an office it probably will be more economical to use a generator for electricity.

13) Roger Baer, BIA stated he did not have any concerns at this time.

14) The CMC will be submitting a copy of the proposal package on the aerial photographs to Jim Olsen, POL to review before doing any aerial photos.

15) The CMC will be sending out the environmental monitoring package out for bids this week.

16) The CMC has received a proposal package on the meteorological monitoring. This will be forwarded to Jim Olsen, POL for review. It is powered by solar and has a floppy disk for the data storage. Jim Olsen stated the monitoring would need to be only every 30 minutes to an hour.

17) The CMC sent water samples to Assaigai Analytical Lab for test results. Hopefully, some results will be received by the end of this week or first part of next week.

18) LCC's electrician has got the overhead cranes working in the maintenance shop. They are running cable for the welder and hanging electrical fixtures now.

19) LCC is painting, paneling the offices, installing plumbing to the restrooms, ductwork being installed, ceiling and doors are also being installed in the Field Office. This should all be done by the end of next week.

20) The generator was set and the pontoons were put in place at the North Pit last Thursday for the pumping operation.

Page Three - September 13, 1989
Jackpile Mine Jobsite Meeting

21) Friday, LCC had one 988 front end loader and one D9 dozer delivered to the site.

22) Norm Shain, CMC located some drill holes between the shop and housing area. He will be looking for some more to see if they are plugged or not.

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Very truly yours,
BRADBURY & STAMM CONSTRUCTION CO., INC.



Alice Fortenbury
Project Technician

cc: Jim King
Paul Sierra



Bradbury & Stamm Construction Company, Inc.

**JACKPILE MINE - LAGUNA NEW MEXICO
JOBSITE WEEKLY PROJECT MEETING**

September 6, 1989

ROGER BAER, BUREAU OF INDIAN AFFAIRS

JIM OLSEN, PUEBLO OF LAGUNA

ATIQ TATARI, LAGUNA CONSTRUCTION COMPANY

MARTIN STARK, LAGUNA CONSTRUCTION CO. INC.

NORM SHAIN, BRADBURY & STAMM CONSTRUCTION

HAL LARKIN, BRADBURY & STAMM CONSTRUCTION

ALICE FORTENBURY, BRADBURY & STAMM CONSTRUCTION

- 1) Laguna Construction is doing the finish touches on the Field Office and hopefully will be completed the end of this week.
- 2) Laguna Construction is reconditioning jobsite roads and working the drainage along the roads.
- 3) Keers has completed the insulation in the Maintenance Shop. The shop should be operational within three weeks.
- 4) Pipe is being laid from the North Paguete to the Jackpile. If the permit is received they will be boring under the highway Monday, September 11, 1989. It will take about three days to bore.
- 5) Approximately 60% of the dewatering pipe has been laid.
- 6) If everything is okay the pumping process should start next week.
- 7) Martin Stark stated he would follow up on the layout of the ponding areas.
- 8) Roger Baer has expressed big concern that the joints in the piping needs some blocking and berms are needed by the creek in case there was a break in the pipe while pumping operations were going on. Norm Shain stated that there would be some sensor valves at different locations if there should be any kind of water leak and shut off the pumping operation. Roger also state documentation must be done before any dewatering starts. LCC will need a 24 hour ditch rider. There needs to be some water testing done immediately. LCC stated they were getting quotes from TMA Eberline.
- 9) Demolition of the North Paguete structures have been completed. Bradbury & Stamm has still no received any demolition schedule from Laguna Construction. Per Neal Kasper a demo schedule for the South Paguete Structures would be in Bradbury & Stamm's office Friday, September 8, 1989.



Page Two - September 6, 19
Jackpile Mine Jobsite Meet.

- 10) Norm Shain has not located any drill holes to be plugged West of the Shop Area. He will be concentrating further on the mesa. There has been a lot of erosion with 6 - 8 feet trenches.
- 11) Vent holes have not all been located. LCC thinks this is a separate packages from the mobilization package but these need to be located and plugged.
- 12) Building of North Paguate haul roads should be completed around October 1st.
- 13) Atiq Tatari submitted the pay estimated to Bradbury & Stamm for approval.
- 14) Atiq Tatari submitted the Labor Rates and Classifications that will be used on this project.
- 15) The Labor Burden Rate Schedule was submitted for discussion and was agreed to be used on all LCC billings. This rate may be adjusted periodically and reviewed.
- 16) Blasting of the highwall in North Paguate was discussed and any blasting must be done right away if any thing is to be done at all. Per Neal Kasper he is following up on quotes for blasting and will forward to Bradbury & Stamm's office Friday. The North Paguate village is very sensitive to any blasting so this must be well planned out.
- 17) Any variances from Jacobs Engineering established plans and schedule must be submitted on for approval first before it is proceeded on.
- 18) Aerial Photo quotes have been received and the CMC will probably have a photo done of the jobsite in October.
- 19) Environmental Monitoring proposals are being sent out for quotes by the CMC.
- 20) Jim Olsen, POL gave Norm Shain power plans for the old housing area but it was indicated all power lines are dead.
- 21) There are approximately 12 wells on the site that need monitoring. This needs to be followed up on.

Page Three - September 6, 1938
Jackpile Mine Jobsite Meeting

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SEPTEMBER 13TH.

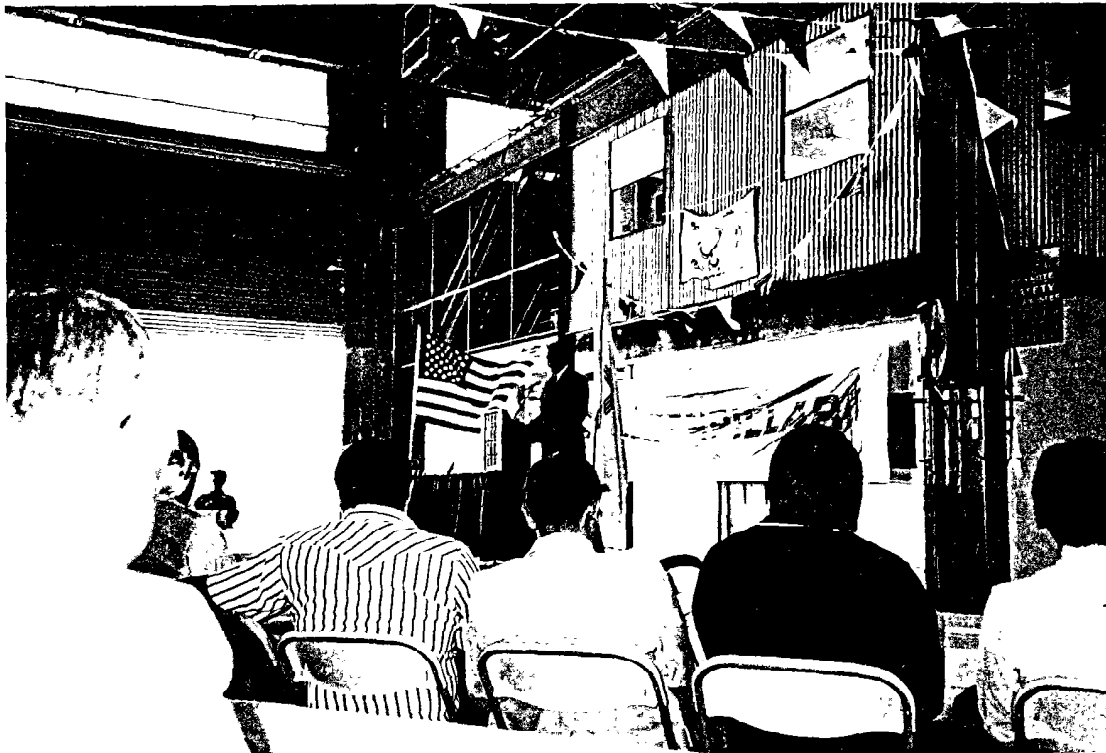
Very truly yours,
BRADBURY & STAMM CONSTRUCTION CO., INC.



Alice Fortenbury
Project Technician

cc: Jim King
Paul Sierra

5. CONSTRUCTION PHOTOGRAPHS



Governor Delfino Begay Speaking at Grand Opening

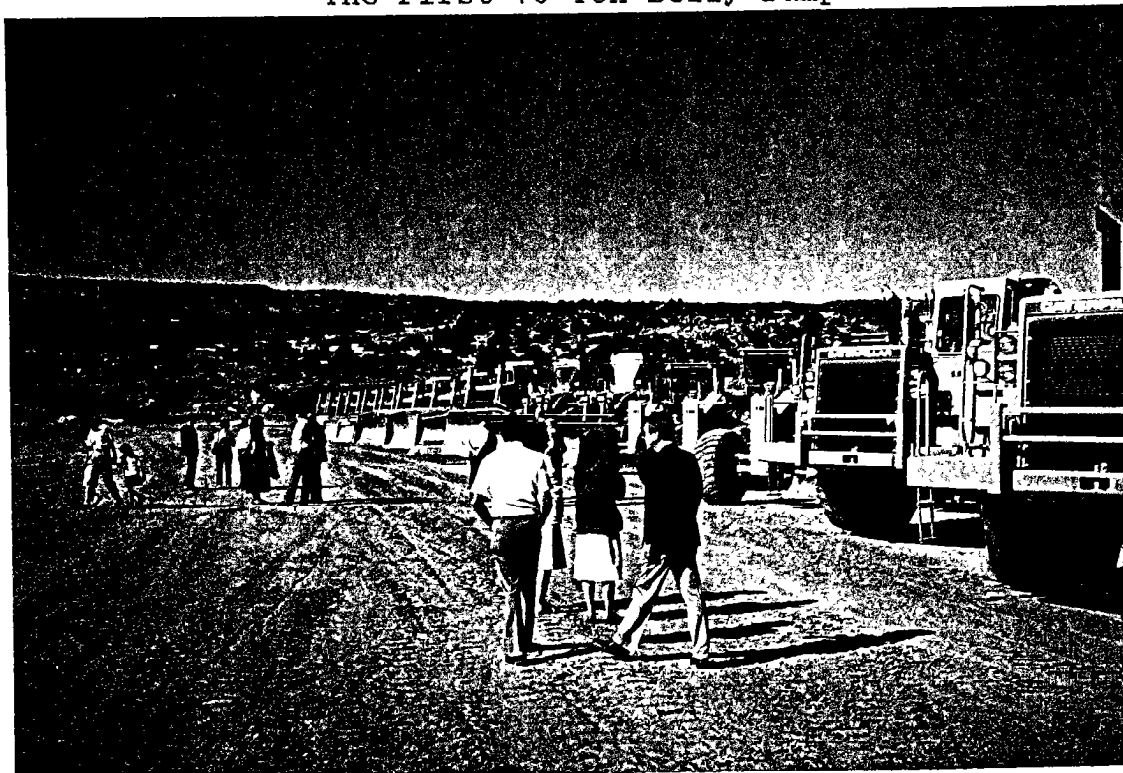


Governor Delfino Begay Cutting the Ribbon September 30, 1989

5 . C O N S T R U C T I O N P H O T O G R A P H S

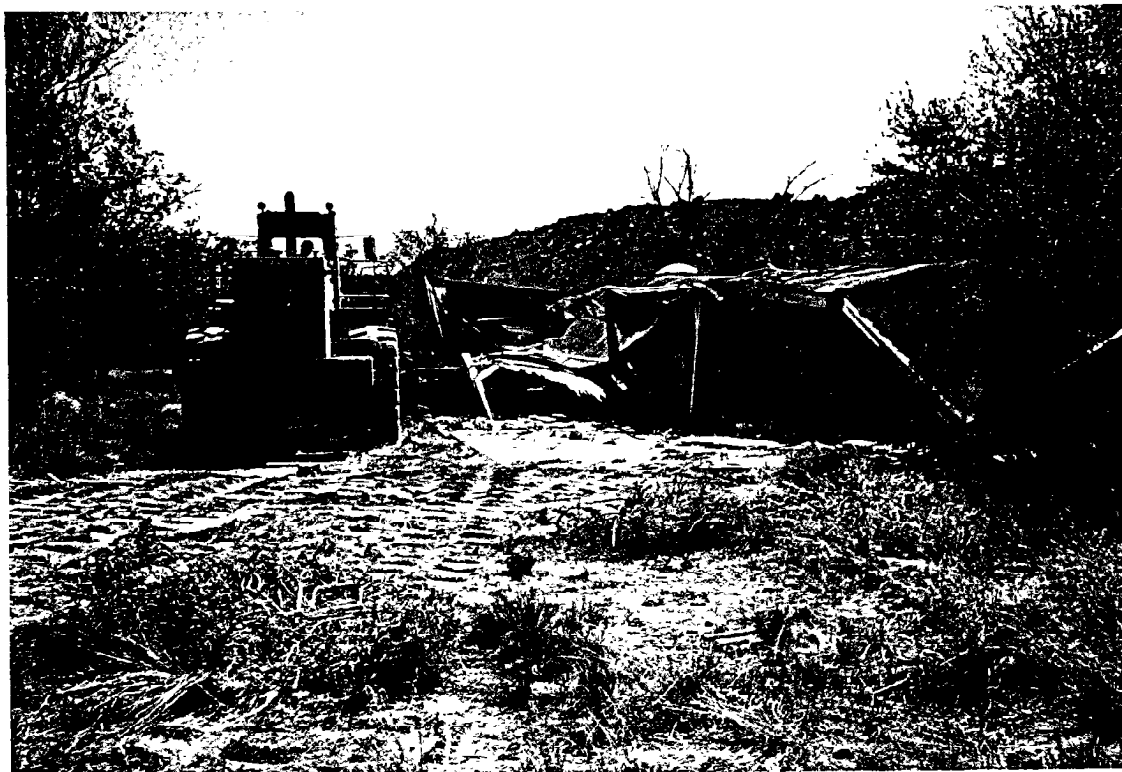


The First 70 Ton Belly Dump

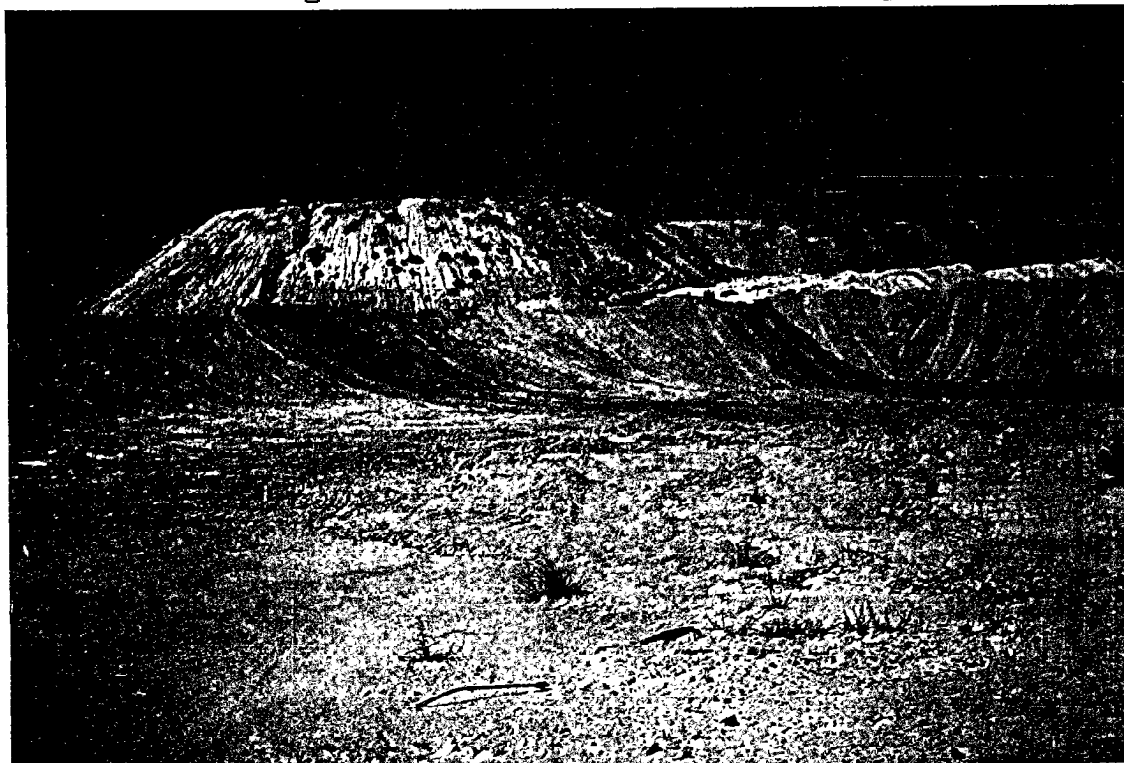


All the Equipment Lined Up September 30, 1989

5. CONSTRUCTION PHOTOGRAPHS



Starting Demolition at the Old Housing Area



Dozer Work on One of the Evaporation Ponds

5 . CONSTRUCTION PHOTOGRAPHS



Setting the Pumps in the North Paguate Pit



Filling One of the Water Wagons at the North Paguate Pit